



10-13-04

3739
IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of
Nigel Cronin

Serial No. 09/914,375

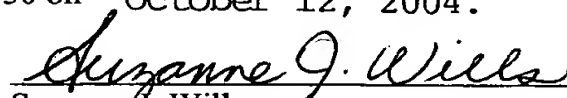
Docket No. 1570.3024.001

Filed: January 15, 2002

For: **RADIATION APPLICATOR**

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service Express Mail No. EV 464239063 US in an envelope addressed to: Commissioner for Patents, Mail Stop IDS, P.O. Box 1450, Alexandria, VA 22313-1450 on October 12, 2004.


Suzanne J. Wills

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents
Mail Stop IDS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir

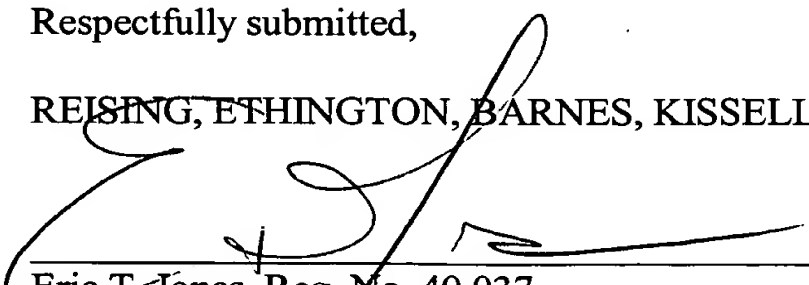
Enclosed is Form PTO 1449 listing prior art cited and discussed in the above-identified application.

This citation of references is not a representation that these references constitute a complete or exhaustive listing of the prior art. It is simply a voluntary citation of references made in good faith which is not intended to serve as a substitute for the Examiner's search and is made to assist the Examiner in making as thorough a search as possible.

The Commissioner is authorized to charge any fee or credit any overpayment in connection with this communication to our Deposit Account No. 50-0852. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

REISING, ETHINGTON, BARNES, KISSELLE, P.C.


Eric T. Jones, Reg. No. 40,037
P.O. Box 4390
Troy, Michigan 48099-4390
(248) 689-3500

Date: 10-12-04



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/914,375
		Filing Date	January 15, 2002
		First Named Inventor	Nigel Cronin
		Art Unit	3739
		Examiner Name	A. Roane
Sheet 1	of 5	Attorney Docket Number	1570.3024.001

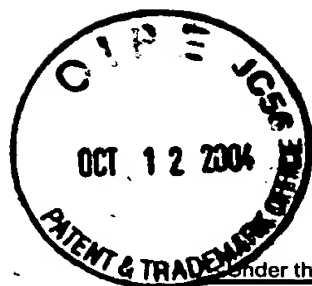
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	IEICE Transactions on Communications, Vol. E78-B, No. 6, pp 845-850, June 1995	
	2	IEEE Transactions on Microwave Theory and Techniques, Vol. 39, No. 7, pp 1178, July 1991	
	3	1990 International Symposium Digest. Anetannas and Propagation. Institute of Electrical and Electronics Engineers. Merging Technologies for the 90s, pp. 1233-1236, Vol. 3,	
	4	1990 IEEE MTT-S International Microwave Symposium Digest, pp. 545-548, Vol. 1, 1990, 3 Vol. 1371, pp.	
	5	Physics in Medicine and Biology, Vol. 35, No. 6, pp 761-779, June 1990	
	6	IEE Colloquium on Medical Applications of Microwaves, pp. 1/1-4/2/1-4, 1988, 52 pp.	
	7	Proceedings of the 1985 International Symposium on Antennas and Propagation, pp. 751-754, Vol. 3, 1985	
	8	IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-34, no. 5, pp. 631-635, May 1986	
	9	1985 IEEE - MTT-S International Microwave Symposium Digest, pp. 196-199, 1985, v+743 pp.	
	10	1985 IEEE - MTT-S International Microwave Symposium Digest, pp. 86-89, 1985, v+743 pp.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/914,375
		Filing Date	January 15, 2002
		First Named Inventor	Nigel Cronin
		Art Unit	3739
		Examiner Name	A. Roane
Sheet 2	of 5	Attorney Docket Number	1570.3024.001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11	1984 International Symposium on Electromagnetic Compatibility, pp. 366-371, vol. 1 1984, 2 vol. Xvi+956 pp	
	12	Proceedings of the Tenth Annual Northeast Bioengineering Conference, pp 94, 1982, xi+356 pp	
	13	IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-28, no. 12, pp. 1418-1422, Dec. 1980	
	14	1980 IEEE MTT-S International Microwave Symposium Digest, pp. 351-354, 1980, xx+511 pp	
	15	Radio Science, Vol. 12, no. 6, suppl., pp. 111-122, Nov.-Dec. 1977	
	16	1977 International Microwave Symposium Digest, pp. 364-367, 1977	
	17	Br. J. Hosp. Med., 1992 Feb. 5-18; 47 (3): 192-6	
	18	1998 IEEE - MTT-S International Microwave Symposium Digest, Pt. Vol. 2, pp. 755-758 Vol. 2, 1998	
	19	IEEE Transactions on Biomedical Engineering, Vol. 45, no. 7, pp. 885-890, July 1998.	
	20	Proceedings of the IEEE 23rd Northeast Bioengineering Conference, pp. 46-47, 1997	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/914,375
		Filing Date	January 15, 2002
		First Named Inventor	Nigel Cronin
		Art Unit	3739
		Examiner Name	A. Roane
Sheet 3	of 5	Attorney Docket Number	1570.3024.001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	21	1995 IEEE MTT-S International Microwave Symposium Digest, Pt. Vol. 1, pp. 303-306, vol. 1, 1995	
	22	IEEE Transactions on Microwave Theory and Techniques, Vol. 41, no. 6-7, pp. 1135-1142, June-July 1993.	
	23	1991 IEEE MTT-S International Microwave Symposium Digest, 10-14 June 1991, 787-790.	
	24	Conference Proceedings. 21st European Microwave Conference, Microwave '91, pp. 1427-1432, 1991, 2 vol.	
	25	IEEE Transactions on Microwave Theory and Techniques, Vol. 39, no. 6, pp. 1048-1054, June 1991	
	26	International Journal of Hyperthermia, Vol. 6, no. 6, pp. 997-1004, Nov.-Dec. 1990	
	27	Proceedings of 2nd International Symposium on Recent Advances in Microwave Technology, pp. 363-365, 1989.	
	28	International Journal of Hyperthermia, Vol. 6, no. 4, pp. 745-753, July-Aug. 1990	
	29	1989 International Symposium Digest: Antennas and Propagation, pp. 540-543, vol. 1	
	30	Proceedings of the Eighth Annual Conference of the IEEE/Engineering in Medicine and Biology Society, pp. 1454-1457, vol. 3, 1986, 3 vol. 1952 pp.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/914,375
		Filing Date	January 15, 2002
		First Named Inventor	Nigel Cronin
		Art Unit	3739
		Examiner Name	A. Roane
Sheet 4	of 5	Attorney Docket Number	1570.3024.001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	31	International Journal of Hyperthermia, Vol. 3, no. 1, pp. 37-47 Jan.-Feb. 1987	
	32	Journal of Microwave Power, Vol. 19, no. 4, pp. 259-267, Dec. 1984	
	33	International Journal of Radiation Oncology Biology Physics, Vol. 10, no. 11, pp. 2155-2162, Nov. 1984	
	34	IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-30, no. 11, pp. 2005-2008, Nov. 1982	
	35	IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-27, no. 9, pp. 767-799, Sept. 1979	
	36	Proceedings of the 8th European Microwave Conference, pp. 559-563, 1978, 835 pp.	
	37	Lancet, 14 Oct. 1995, pp. 1003-4	
	38	Br. J. Obstet. Gynaecol., July 1999, pp. 684-94	
	39	Lancet, 27 Nov. 1999, pp. 1859-63	
	40	Contrib. Gynecol. Obstet., 2000 pp. 91-120	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/914,375
		Filing Date	January 15, 2002
		First Named Inventor	Nigel Cronin
		Art Unit	3739
		Examiner Name	A. Roane
Sheet 5	of 5	Attorney Docket Number	1570.3024.001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	41	Contrib. Gynecol. Obstet., 2000 pp. 145-53	
	42	Fertil. Sterilisation, 2000 Mar., pp. 598	
	43	Curr. Opin. Obstet. Gynecol., 2000 Aug., pp. 293-6	
	44	Clin. Obstet. Gynecol, 2000 Sept., pp. 575-83	
	45	BJOG., 2000 Dec., pp. 1443-52	
	46	J. Am. Assoc. Gynecol. Laparosc., 2001 Feb., pp. 83-6	
	47	J. Reprod. Med., 2001 June, pp. 559-63	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.